

ABSTRACT

There are provided a polyester with a controlled crystallization rate which forms fibers stably even in high-speed spinning in the present invention. There are also provided a polyester obtained in the presence of an antimony catalyst comprising:

- (i) diantimony trioxide, and
- (ii) 1 to 10 wt% of diantimony tetraoxide and/or diantimony pentaoxide based on diantimony trioxide, a production method therefor, fibers formed therefrom, and a catalyst for polymerization of the polyester.